

- Strain relief
- Expansion ratio as high as 3:1
- Available in flame retarded material
- Medium and thick-wall insulation
- Abrasion protection

SST/SST-FR
Adhesive sealing
heat-shrinkable tubing

Raychem

Adhesive sealing tubing (SST) and flame retarded adhesive sealing tubing (SST-FR) provide a simple, positive splice-sealing method that offers greater protection under adverse environmental conditions.

Supplied with standard sealant, the tubing provides waterproofing and environmental protection in underwater or underground applications. Supplied with thermoplastic adhesive, the tubing not only waterproofs, but also provides

mechanical strain relief. The tubing has excellent insulating, abrasion-resisting and strain-relief properties.

Ordering information



Internal diameter		Wall thickness				Standard length (nom)	Size description
D (min) Expanded as supplied	d (max) Recovered after heating	W (nom) Total wall recovered after heating		inches			
mm	inches	mm	inches		mm	inches	inches
7.7	(0.3)	2.6	(0.1)	1.5	(0.06)	6	SST-03
10.2	(0.4)	3.9	(0.15)	1.5	(0.06)	6	SST-04
19.1	(0.75)	5.6	(0.22)	1.5	(0.06)	6, 12	SST-07M
19.1	(0.75)	5.6	(0.22)	2.4	(0.09)	6, 12	SST-07
27.9	(1.1)	9.5	(0.38)	2.8	(0.11)	6, 12	SST-11M
27.9	(1.1)	9.5	(0.38)	3.0	(0.12)	6, 12	SST-11
33.1	(1.3)	9.6	(0.38)	2.7	(0.11)	6, 12	SST-13M
33.1	(1.3)	9.6	(0.38)	3.0	(0.12)	6, 12	SST-13
38.1	(1.5)	12.7	(0.5)	3.0	(0.12)	6, 12	SST-15M
38.1	(1.5)	12.7	(0.5)	3.6	(0.14)	6, 12	SST-15
43.2	(1.7)	12.7	(0.5)	3.0	(0.12)	6, 12	SST-17M
43.2	(1.7)	12.7	(0.5)	3.6	(0.14)	6, 12	SST-17
50.8	(2.0)	19.1	(0.75)	3.0	(0.12)	6, 12	SST-20M
50.8	(2.0)	19.1	(0.75)	3.9	(0.15)	12	SST-20
68.6	(2.7)	22.9	(0.9)	3.9	(0.15)	12, 18, 24	SST-27
76.2	(3.0)	31.8	(1.25)	3.9	(0.15)	24	SST-30
101.6	(4.0)	44.5	(1.75)	3.9	(0.15)	24	SST-40
114.3	(4.5)	44.5	(1.75)	3.9	(0.15)	12, 18, 24	SST-45

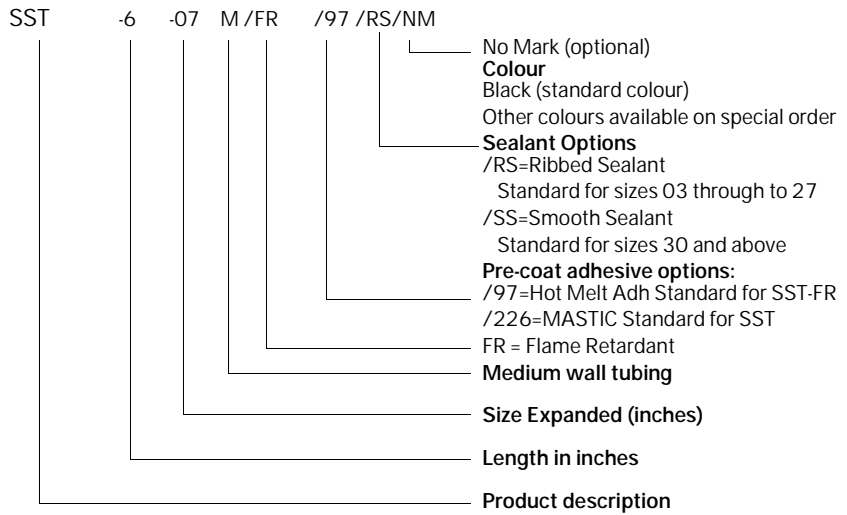
'M' suffix denotes medium wall availability.

Dimensions apply to uncoated tubing. Allow approximately 1.3 mm for coating.

Tubing with sealant on ends only, without sealant, or of non-standard lengths is available subject to special order.

SST/SST-FR

Ordering example:



Ordering example: SST-6-07M/FR/RS/NM
SST-24-45/97/SS

Temperature rating

Operating temperature range: -55°C to +90°C
Minimum recovery temperature: +120°C

Specifications

Type	Raychem
SST-FR	RW 2011
SST	RW 2011
/226 (S-1278)	RW 2020
/97(S-1297)	RW 2019

SST/SST-FR

Performance

SST is a black, crosslinked, polyolefin-based material. SST-FR is flame retarded and heat resistant.

	Test method	SST-FR	SST
Mechanical			
Tensile strength (min)	ASTM D638	8.4 Mpa	8.4 Mpa
Ultimate elongation (min)	ASTM D638	200%	200%
2% secant modulus (max)	ASTM D882	170 Mpa	
Heat ageing			
	ASTM D2671, D412	(168 h at 175°C)	(168 h at 150°C)
Tensile strength (min)	ASTM D638	7 Mpa	7 Mpa
Ultimate elongation (min)	ASTM D638	100%	100%
Heat shock			
4 h at 225°C	MIL-I-23053/15A	Pass	Pass
Low temperature flexibility			
4 h at -55°C	MIL-I-23053/15A	Pass	Pass
Electrical			
Dielectric strength	ASTM D2671	7.9 MV/m	7.9 MV/m
Volume resistivity (min)	ASTM D876	10 ¹³ ohm.cm	10 ¹³ ohm.cm
Flammability			
Flammability (method B)	MIL-I-23053/15A	15 sec	N/A
Chemical			
Corrosion	MIL-I-23053/15A	Pass	Pass
Water absorption (max)	ASTM D570	0.5%	0.5%
Specific gravity (max)	ASTM D1505	1.5	1.1
Fungus resistance	ASTM G21	≤ 1	N/A
Colour stability	MIL-I-23053/15A	Pass	Pass
Fluid resistance			
(24 h at room temperature)			
De-icing fluid (MIL-A-8243)			
Hydraulic fluid (MIL-H-5606)			
JP-8 (MIL-T-83133)			
Lubricating oil (MIL-L-7808)			
Lubricating oil (MIL-L-23699)			
5% NaCl (O-S-1926)			
After immersion in the above fluids:			
Tensile strength (min)	ASTM D638	5 Mpa	5 Mpa
Ultimate elongation (min)	ASTM D638	100%	100%

Raychem and SST/SST-FR are trademarks of Tyco Electronics Corporation.

All of the above information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Tyco Electronics makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. Tyco Electronics only obligations are those in the Standard Terms and Conditions of Sale for this product and in no case will Tyco Electronics be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Tyco Electronics Specifications are subject to change without notice. In addition Tyco Electronics reserves the right to make changes in materials or processing, without notification to the Buyer, which do not affect compliance with any applicable specification.

Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA 94025-1164
USA
Tel: (800)-926 2425 (US and Canada)
Tel: +1 650 361 3860 (All other countries)

Tyco Electronics UK Ltd
Faraday Road, Dorcan,
Swindon, Wiltshire SN3
5HH
Tel: (44)-1793-528171

Tyco Electronics Raychem K.K.
3816 Noborito, Tama-ku
Kawasaki
Kanagawa 214-8533
Japan
Tel: +81 44 900 5102

Tyco Electronics Singapore PTE Ltd.
26 Ang Mo Kio
Industrial Park 2
Singapore 569507
Tel: +65 4866151

www.tycoelectronics.com

RI0004

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Wire Identification](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[CU6337-000](#) [CU6342-000](#) [FCA-410-12](#) [11631010](#) [1-1768037-1](#) [1-1768037-2](#) [1-1768050-0](#) [PXLK-VI](#) [Q62184-1](#) [A64304-000](#) [QMT221](#)
[HK032WE1NF038B](#) [1330-0519-10](#) [1395199-1](#) [1395200-1](#) [1395202-1](#) [DMVF050WE-300S6](#) [D-SCE-1K-2.4-50-4-CS7834](#) [1538738-1](#)
[E90935-000](#) [EC1238-000](#) [EC1465-000](#) [EC1855-000](#) [EC1859-000](#) [EC1863-000](#) [EC5415-000](#) [EC7277-000](#) [EC7352-000](#) [EC7603-000](#)
[EC7707-000](#) [EC7735-000](#) [EC7768-000](#) [EC7828-000](#) [EC7854-000](#) [EC7952-000](#) [EC8128-000](#) [1768037-8](#) [1768041-7](#) [NC-127191-10-9](#)
[HS048WE2NF038B](#) [C03232-000](#) [HTCM-SCE-14-4H-9](#) [HTMS-3/16-9](#) [HT-SCE-1/4-2.0-4](#) [HT-SCE-3/16-2.0-4](#) [HTTMS-1/2-1.50-9](#) [HTTMS-](#)
[CM-1/2-4H-9](#) [HX-SCE-19.0-50-9](#) [HX-SCE-6.4-50-4](#) [C25254-000](#)